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RX 9360.240

RiLineX connection adapter

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RX 9360.240 - RiLineX connection adapter

RiLineX connection adapter for 60 mm busbar systems. The adapter boasts an impressive compact design. Dismantling requires the use of tools. Conductors may be connected either from above or below. Inserting the connecting conductors couldn't be simpler, thanks to the dividable connection clamp. The adapter may also be used for flat copper bars. Mounted by simply snapping onto the RiLineX board. The adapter is readily installed on RiLine60. It offers high levels of short-circuit protection and easy-to-fit contact hazard protection. The device has a screw fastening for simultaneous contacting of the bar and conductor and for adjusting the busbar thickness (5/10 mm).







Features

Model No.	RX 9360.240
Benefits	Mounting on the busbar system and cable connection with just one screw
Material	Polyamide (PA 6) Fire behavior corresponding to UL 94
Color	RAL 9005
Rated current (guideline value, IEC)	432 A
Max. rated current of round conductors (IEC)	680 A
Max. rated current of round conductors (UL)	640 A
Max. rated current of laminated copper bar (IEC)	870 A

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Features

Max. rated current of laminated copper bar (UL)	840 A
Note	The specified rated current as a guideline value is based on the recommended maximum operating current for single-wire cables with an admissible conductor temperature of 70 °C to IEC 61439-1, Table H.1 when laid horizontally in free air, at an ambient temperature of 55 °C. The specified max. rated current (IEC) describes the recommended max. operating current of the terminal connection with a temperature rise limit of 70K to IEC 61439-1 (Table 6) for conductors laid in free air with clearance. Please note the maximum admissible insulation temperature.
Electrical UL ratings (SCCR)	27.5 kA - 600 V, RMS, unprotected 100 kA - 600 V, circuit breaker max. 600 A, DIVQ/7 100 kA - 600 V, fuse class L max. 1600 A, JDDZ/7
Cable outlet	Top/bottom
For bar systems with center-to-center spacing	60 mm
Number of poles	3-pole
Suitable for busbar system	RiLineX RiLine60
Dimensions	Width: 145 mm Height: 239.4 mm Depth: 104.6 mm Width: 5.71 ″ Height: 9.43 ″ Depth: 4.12 ″
Connection of round conductors	95 - 300 mm²
Clamping area for laminated copper bars (W x H)	32 x 20 mm 1.26 x 0.79 ″
Suitable for busbars	15 x 5/10 20 x 5/10 30 x 5/10

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Features

Rated voltage	1,000 V AC 1,500 V DC 600 V AC (UL) 600 V DC (UL)
Contamination level	3
Standards	IEC/EN 61439-1 UL 508
Rated impulse withstand voltage UImp	12 kV
Rated insulation voltage Ui	1,000 V
Power loss max.	28 W 96 BTU/h
Protection category IP to IEC 60 529	IP 2X
Maximum operating air humidity	90 %
Operating temperature range	-5 °C...55 °C 23 °F...131 °F
Storage temperature range	-25 °C...75 °C -13 °F...167 °F
Ambient humidity (non-condensing)	10...90 %
Fire load	15.903 MJ/m²
Packaging unit	1 pc(s).
Net weight	1.8 kg
Gross weight	1.849 kg
PCF/VE (cradle-to-gate)	10.57
Customs tariff number	85369010
ETIM 9	EC001531

Features

Product description	RiLineX connection adapter for 60 mm busbar systems. The adapter boasts an impressive compact design. Dismantling requires the use of tools. Conductors may be connected either from above or below. Inserting the connecting conductors couldn't be simpler, thanks to the dividable connection clamp. The adapter may also be used for flat copper bars. Mounted by simply snapping onto the RiLineX board. The adapter is readily installed on RiLine60. It offers high levels of short-circuit protection and easy-to-fit contact hazard protection. The device has a screw fastening for simultaneous contacting of the bar and conductor and for adjusting the busbar thickness (5/10 mm).

Approvals

Approvals	UL + C-UL (listed)
Explanations	Declaration of conformity PCF-declaration

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